

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2002-252014

(43)Date of publication of application : 06.09.2002

(51)Int.Cl.

H01M 8/04  
H01M 8/00  
H02J 7/00  
// H01M 8/10

(21)Application number : 2001-299792

(71)Applicant : CASIO COMPUT CO LTD

(22)Date of filing : 28.09.2001

(72)Inventor : SHIOTANI MASAHARU

(30)Priority

Priority number : 2000388398

Priority date : 21.12.2000

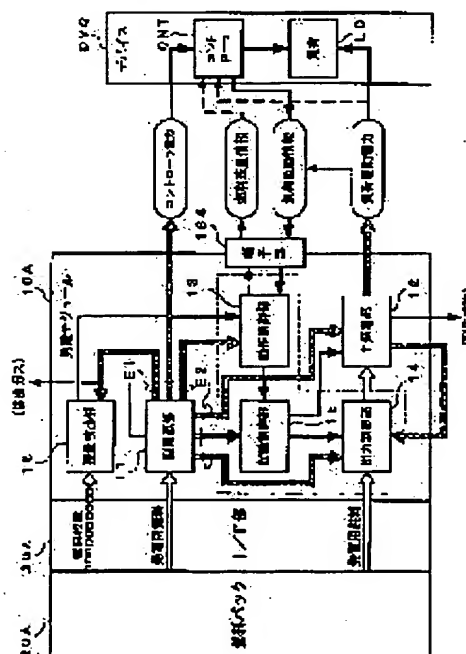
Priority country : JP

## (54) POWER SUPPLY SYSTEM

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a power supply system which can excellently operate apparatus by applying it like a general-purpose chemistry battery to an existing device equipped with a function to urge a display of battery residual quantity, exchange of a battery, and charging, by detecting a fall of output voltage of a battery.

**SOLUTION:** The power supply system has a fuel pack 20A, in which a fuel FL for power generation is enclosed, and a power generation module 10A, which outputs electric power, which consists of predetermined output voltage, based on the fuel FL for power generation supplied from this fuel pack 20A. The power generation module 10A is constituted with a main power generation part 12, which generates the above electric power using the fuel FL for power generation supplied from fuel pack 20A, a residual quantity detection part 16, which detects the residual quantity of the fuel FL for power generation which remains in the fuel pack 20A, and an operation control part 13, which controls the output voltage from the main power generation part 12 to have at least a characteristic that is equivalent to the general-purpose chemistry battery, based on the residual quantity of the fuel FL for power generation.



## LEGAL STATUS

[Date of request for examination]

07.10.2002

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or

application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office